

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
21 July 2005 (21.07.2005)

PCT

(10) International Publication Number  
**WO 2005/065241 A3**

(51) International Patent Classification<sup>7</sup> : **G01N 33/00**

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(21) International Application Number:  
PCT/US2004/043087

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(22) International Filing Date:  
23 December 2004 (23.12.2004)

(25) Filing Language: English

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US (patent), UZ, VC, VN, YU, ZA, ZM, ZW.

(26) Publication Language: English

(30) Priority Data:  
60/532,667 24 December 2003 (24.12.2003) US  
60/571,170 14 May 2004 (14.05.2004) US

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier applications:

US 60/532,667 (CIP)  
Filed on 24 December 2003 (24.12.2003)  
US 60/571,170 (CIP)  
Filed on 14 May 2004 (14.05.2004)

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Published:

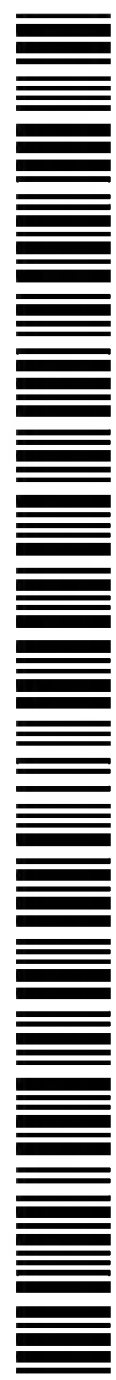
— with international search report

(88) Date of publication of the international search report:  
4 May 2006

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: SMMR (SMALL MOLECULE METABOLITE REPORTERS) FOR USE AS *IN VIVO* GLUCOSE BIOSENSORS

(57) Abstract: Small Molecule Metabolite Reporters (SMMRs) for use as *in vivo* glucose biosensors, sensor compositions, and methods of use, are described. The SMMRs include boronic acid-containing xanthene, coumarin, carbostyryl and phenalene-based small molecules which are used for monitoring glucose *in vivo*, advantageously on the skin.



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